

DHARA PATEL

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OBJECTIVE

Seeking a Full time position as a Software Engineer in a challenging environment where I can make genuine contribution, gain contemporary sound technical knowledge and develop managerial capabilities.

EDUCATION

Master of Science in Computer Science

University of Southern California, Los Angeles, CA

Expected Graduation: **May 2007**

Bachelor of Engineering in Information Technology

Sardar Patel University, India

July 2004

Relevant Coursework:

Software Management & Economics
Database Management systems
Multimedia Systems Design
Computer Graphics
Object oriented programming

Software Engineering
Web Technologies
Computer Networks
Compilers
Artificial Intelligence

TECHNICAL SKILLS

Programming languages: C, C++, VC++, VB 6.0, Java, Java Swing, Java Servlets, Net Beans, JDBC, .NET, 8085, 8086, 8051

Database: Oracle 10g, SQL, MS Access, MySQL

Scripting: Perl, PHP, JSP, AJAX, HTML, XML, Java Script, DOM, Shell Script, RDF, RDQL, Xquery

Networking: TCP/IP, Ethernet, Hardware/Software Installation, Network Administration

Software Packages: RUP (Rational Unified Rose)Office 2003, MS Project, MS Student, MS Visio, Flash MX, Photoshop 6.0, 3-D Max, Corel Draw, COCOMO II

Platforms: Windows 2000/XP/ NT, Linux/Unix, Macintosh

WORK EXPERIENCE

Linksys – Cisco Systems, Inc, Irvine, CA (www.linksys.com)

Software Engineer Intern

July 2006 – Present

- Automated several test cases using Automate 5, Silk Test and VC++ for products like WRT54G, WRT300N and WRT350N
- Currently managing, controlling and verifying GPL code (Firmware verification) of several software vendors
- Tools Used - IXIA, Automate5, Silk Test, IQnrxn (MIMO test System)

Siemens Medical Solutions, Oncology Care, Concord, CA (www.siemens.com)

Software Engineer Intern

May 2005 – Dec 2005

- Developed windows application for Medical Device [COM in Visual Studio 6.0]
- Performed customer requirements analysis for Oncology care software called Primeview [C, C++, HTML, JavaScript, XML]
- Worked on Rational Clear Case, Clear Quest, Purifier, Quantify, and Requisite Pro tools
- Prepared Functional Specification based on Product Requirement Specification

- Prepared and performed Unit and Integration Testing Procedures
- Solved Software Bugs as per the requirements and generated error reports from testing
- Developed automated tools for testing
- Updated and managed Functional Specification documents

Astral Pharmaceutical Industries, India (www.astralpharma.com)

Software engineer

Jan 2004 – Dec 2004

- Performed quality assurance, documented reports, development and debugging of software components [C and C++]
- Installed and maintained company wide computer network
- Setup and maintained email servers on MS Exchange 2003 and web servers on MS IIS
- Designed and implemented Inventory system database using SQL, JDBC and XML

ACADEMIC PROJECTS

- Created a website which imitates an online store and enables the users to place an order, view current/previous orders, add / remove selected items from the cart.
- For the above project, all the data is stored in a MySQL database. Users are authenticated via a username and password mechanism. Also, the website has an administrative login page which is responsible for management of products/services, users and administrators.
- In continuation, it also facilitates report generation depending upon different parameters such as by region or product/service. [HTML, CSS, DOM, PHP, JavaScript, AJAX, MySQL]
- Created a GUI to facilitate the queries for a spatial database on a satellite image [Oracle 10g, Net Beans, JDBC]
- World Soccer Database [Oracle 10g]
- Image Manipulator [Java and Java Swing]
- Othello game [C++ and UNIX programming environment]

SEMINARS presented:

- Rational Unified Process
- Shell Script programming
- Linux operating system at Technology Festival, Sardar Patel University, April 2004
- Business Management in Information Technology

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Legal status: Permanent Resident

Last Updated on: 10/12/2006